

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X070221W.M
 Title : SW846 8260
 Last Update : Fri Jul 02 14:26:07 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX023102.D 5 =VX023103.D 20 =VX023104.D 50 =VX023105.D 100 =VX023106.D 150 =VX023107.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.377	0.433	0.456	0.488	0.492	0.472	0.453	9.51
3) P	Chloromethane	0.436	0.470	0.423	0.449	0.457	0.454	0.448	3.77
4) C	Vinyl Chloride	0.403	0.470	0.457	0.493	0.513	0.514	0.475	8.86#
5) T	Bromomethane		0.320	0.296	0.250	0.238	0.222	0.265	15.56
6) T	Chloroethane	0.301	0.358	0.299	0.323	0.335	0.247	0.310	12.25
7) T	Trichlorofluor...	0.719	0.886	0.815	0.863	0.867	0.801	0.825	7.45
8) T	Diethyl Ether	0.265	0.326	0.292	0.309	0.322	0.313	0.305	7.44
9) T	1,1,2-Trichlor...	0.434	0.521	0.460	0.492	0.504	0.487	0.483	6.48
10) T	Methyl Iodide		0.511	0.507	0.604	0.670	0.673	0.593	13.75
11) T	Tert butyl alc...		0.161	0.128	0.134	0.142	0.141	0.141	8.73
12) CM	1,1-Dichloroet...	0.390	0.467	0.419	0.461	0.472	0.466	0.446	7.54#
13) T	Acrolein		0.101	0.085	0.093	0.096	0.095	0.094	6.48
14) T	Allyl chloride	0.661	0.789	0.722	0.800	0.850	0.825	0.774	9.12
15) T	Acrylonitrile	0.226	0.289	0.265	0.283	0.293	0.294	0.275	9.50
16) T	Acetone	0.293	0.274	0.245	0.256	0.267	0.260	0.266	6.24
17) T	Carbon Disulfide	0.845	0.946	0.816	0.934	1.039	1.059	0.940	10.49
18) T	Methyl Acetate	0.586	0.682	0.608	0.657	0.677	0.662	0.645	6.06
19) T	Methyl tert-bu...	1.391	1.712	1.575	1.716	1.808	1.800	1.667	9.53
20) T	Methylene Chlo...	0.679	0.627	0.505	0.533	0.545	0.545	0.572	11.58
21) T	trans-1,2-Dich...	0.439	0.499	0.442	0.487	0.513	0.508	0.481	6.82
22) T	Diisopropyl ether	1.371	1.685	1.560	1.685	1.771	1.725	1.633	8.95
23) T	Vinyl Acetate	1.097	1.382	1.325	1.467	1.530	1.491	1.382	11.48
24) P	1,1-Dichloroet...	0.798	0.975	0.868	0.942	0.981	0.972	0.923	8.03
25) T	2-Butanone	0.336	0.420	0.386	0.411	0.428	0.424	0.401	8.72
26) T	2,2-Dichloropr...	0.677	0.758	0.718	0.802	0.857	0.835	0.774	8.99
27) T	cis-1,2-Dichlo...	0.517	0.601	0.547	0.592	0.622	0.619	0.583	7.22
28) T	Bromochloromet...	0.418	0.454	0.411	0.434	0.450	0.460	0.438	4.56
29) T	Tetrahydrofuran	0.222	0.268	0.241	0.265	0.277	0.273	0.258	8.37
30) C	Chloroform	0.886	1.022	0.931	1.019	1.070	1.051	0.997	7.26#
31) T	Cyclohexane		0.853	0.727	0.798	0.835	0.810	0.805	6.04
32) T	1,1,1-Trichlor...	0.723	0.852	0.816	0.897	0.971	0.950	0.868	10.58
33) S	1,2-Dichloroet...		0.703	0.602	0.651	0.696	0.708	0.672	6.70
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.341	0.284	0.308	0.337	0.345	0.323	8.18
36) T	1,1-Dichloropr...	0.431	0.464	0.405	0.449	0.471	0.454	0.446	5.41
37) T	Ethyl Acetate	0.420	0.513	0.457	0.500	0.521	0.506	0.486	8.06
38) T	Carbon Tetrach...	0.366	0.465	0.440	0.487	0.527	0.506	0.465	12.30
39) T	Methylcyclohexane	0.474	0.560	0.488	0.523	0.554	0.530	0.521	6.67
40) TM	Benzene	1.163	1.373	1.221	1.322	1.362	1.324	1.294	6.47
41) T	Methacrylonitrile	0.270	0.254	0.260	0.276	0.290	0.280	0.272	4.92
42) TM	1,2-Dichloroet...	0.437	0.557	0.504	0.543	0.553	0.525	0.520	8.66
43) T	Isopropyl Acetate	0.737	0.815	0.757	0.830	0.866	0.848	0.809	6.34
44) TM	Trichloroethene	0.348	0.384	0.339	0.374	0.385	0.373	0.367	5.23
45) C	1,2-Dichloropr...	0.313	0.345	0.317	0.344	0.359	0.349	0.338	5.48#
46) T	Dibromomethane	0.211	0.246	0.228	0.249	0.261	0.253	0.241	7.63
47) T	Bromodichlorom...	0.358	0.412	0.402	0.468	0.504	0.498	0.441	13.29
48) T	Methyl methacr...	0.365	0.400	0.363	0.409	0.425	0.420	0.397	6.81
49) T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.010	0.009	0.009	8.32
50) S	Toluene-d8		1.268	1.034	1.170	1.265	1.285	1.204	8.74
51) T	4-Methyl-2-Pen...	0.418	0.515	0.492	0.526	0.538	0.518	0.501	8.63
52) CM	Toluene	0.698	0.874	0.795	0.864	0.910	0.885	0.838	9.35#
53) T	t-1,3-Dichloro...	0.335	0.431	0.435	0.524	0.580	0.580	0.481	20.22
54) T	cis-1,3-Dichlo...	0.370	0.464	0.473	0.558	0.600	0.598	0.510	17.80
55) T	1,1,2-Trichlor...	0.292	0.363	0.329	0.364	0.382	0.380	0.352	9.95
56) T	Ethyl methacry...	0.430	0.527	0.506	0.567	0.617	0.615	0.543	13.18

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X070221W.M

57)	T	1,3-Dichloropr...	0.523	0.590	0.546	0.596	0.621	0.612	0.581	6.64
58)	T	2-Chloroethyl ...	0.172	0.263	0.261	0.297	0.303	0.298	0.266	18.61
59)	T	2-Hexanone	0.315	0.392	0.373	0.407	0.418	0.401	0.385	9.68
60)	T	Dibromochlorom...	0.254	0.288	0.299	0.365	0.409	0.412	0.338	19.85
61)	T	1,2-Dibromoethane	0.272	0.360	0.342	0.386	0.405	0.401	0.361	13.91
62)	S	4-Bromofluorob...	0.448	0.388	0.457	0.506	0.525	0.465		11.56
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.368	0.437	0.379	0.401	0.419	0.390	0.399	6.47
65)	PM	Chlorobenzene	0.897	1.040	0.916	1.001	1.050	1.027	0.988	6.65
66)	T	1,1,1,2-Tetrac...	0.266	0.356	0.335	0.379	0.406	0.401	0.357	14.59
67)	C	Ethyl Benzene	1.534	1.816	1.629	1.799	1.885	1.820	1.747	7.72#
68)	T	m/p-Xylenes	0.547	0.693	0.623	0.692	0.736	0.711	0.667	10.48
69)	T	o-Xylene	0.582	0.688	0.620	0.692	0.732	0.720	0.672	8.79
70)	T	Styrene	0.826	1.101	1.013	1.165	1.255	1.229	1.098	14.55
71)	P	Bromoform	0.171	0.208	0.217	0.273	0.316	0.326	0.252	25.02
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.037	3.819	3.394	3.619	3.706	3.559	3.522	7.87
74)	T	N-amyl acetate	1.293	1.503	1.434	1.543	1.610	1.585	1.495	7.81
75)	P	1,1,2,2-Tetrac...	1.044	1.209	1.070	1.109	1.145	1.138	1.119	5.25
76)	T	1,2,3-Trichlor...	0.802	1.129	1.001	1.044	1.056	1.003	1.006	10.95
77)	T	Bromobenzene	0.769	0.950	0.834	0.888	0.928	0.908	0.879	7.62
78)	T	n-propylbenzene	3.573	4.270	3.923	4.214	4.322	4.137	4.073	6.92
79)	T	2-Chlorotoluene	2.308	2.710	2.392	2.555	2.602	2.536	2.517	5.77
80)	T	1,3,5-Trimethy...	2.614	3.180	2.921	3.147	3.217	3.118	3.033	7.57
81)	T	trans-1,4-Dich...	0.257	0.273	0.344	0.378	0.389	0.328		18.40
82)	T	4-Chlorotoluene	2.376	2.984	2.725	2.963	3.054	2.954	2.843	8.94
83)	T	tert-Butylbenzene	2.402	3.028	2.787	2.991	3.068	2.997	2.879	8.79
84)	T	1,2,4-Trimethy...	2.428	3.171	2.888	3.148	3.232	3.115	2.997	10.09
85)	T	sec-Butylbenzene	3.057	3.914	3.545	3.877	4.003	3.828	3.704	9.53
86)	T	p-Isopropyltol...	2.531	3.174	2.988	3.267	3.393	3.290	3.107	10.08
87)	T	1,3-Dichlorobe...	1.419	1.763	1.567	1.692	1.756	1.712	1.651	8.12
88)	T	1,4-Dichlorobe...	1.508	1.738	1.551	1.685	1.777	1.718	1.663	6.53
89)	T	n-Butylbenzene	2.267	2.668	2.529	2.883	3.029	2.955	2.722	10.66
90)	T	Hexachloroethane	0.299	0.420	0.409	0.491	0.555	0.556	0.455	21.80
91)	T	1,2-Dichlorobe...	1.453	1.758	1.566	1.677	1.724	1.679	1.643	6.90
92)	T	1,2-Dibromo-3-...	0.160	0.219	0.223	0.259	0.283	0.286	0.238	20.19
93)	T	1,2,4-Trichlor...	0.824	0.989	0.942	1.040	1.139	1.137	1.012	11.97
94)	T	Hexachlorobuta...	0.378	0.453	0.388	0.433	0.464	0.455	0.428	8.53
95)	T	Naphthalene	2.343	3.298	3.258	3.657	3.862	3.776	3.366	16.61
96)	T	1,2,3-Trichlor...	0.772	1.023	0.959	1.067	1.145	1.141	1.018	13.75

(#) = Out of Range